

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number  
**WO 2005/090673 A1**

(51) International Patent Classification<sup>7</sup>: D21F 1/00, 9/00

(21) International Application Number:  
PCT/SE/2005/000388

(22) International Filing Date: 17 March 2005 (17.03.2005)

(25) Filing Language: Swedish

(26) Publication Language: English

(30) Priority Data:  
0400717-5 22 March 2004 (22.03.2004) SE

(71) Applicant (for all designated States except US): METSO  
PAPER, INC. [FI/FI]; P.O. Box 1220, FIN-00101 Helsing-  
fors (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LÖVGREN, Hans  
[SE/SE]; Varvsgränd 7, S-852 32 Sundsvall (SE).

(74) Agent: BERGENSTRÄHLE & LINDVALL AB; P.O.  
Box 17704, S-118 93 Stockholm (SE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AI, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

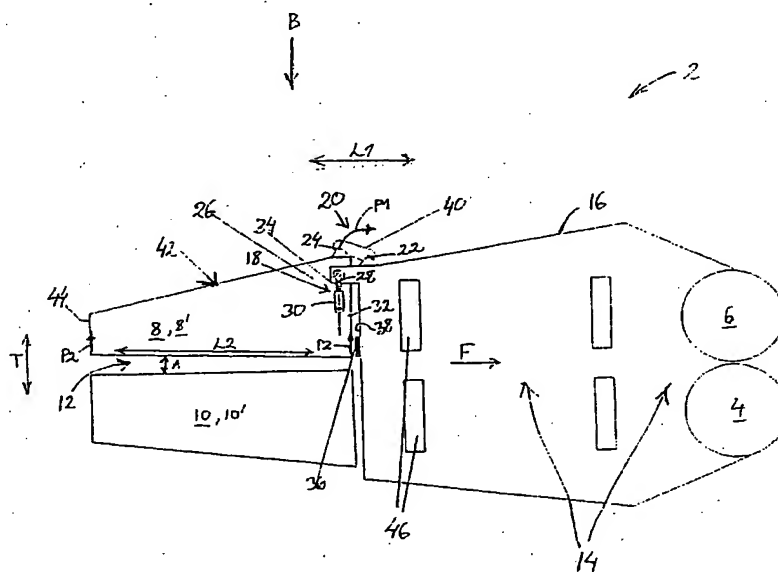
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: TWIN-WIRE PRESS



(57) Abstract: The present invention relates to a twin-wire press (2) for dewatering of a fibre suspension, comprising lower and upper rolls (4, 6), an endless upper and lower wire that runs around the rolls and a first (8, 8') and a second dewatering table, respectively, which forms a dewatering space (12) between the wires. A roll arrangement (14) is provided in a press frame (16). A press and lift arrangement (18) is arranged to the first dewatering table 10 for vertically adjusting the first dewatering table. A link system (20) is arranged with a joint (22) at the press frame (16) and arranged with a joint (24) at an upper section of the first dewatering table, whereby the first dewatering table can be moved from and against the second dewatering table by movement by means of the press and lift arrangement (18).